Altair Technology Conference

Registration starts at PM 12:00

Altair Technology Conference 2019

Altair Technology Conference has grown to become a premier event forum for learning and sharing experiences in engineering and design.
Altair invites you to be part of the conversation with industry leaders and technology experts to discuss how new solutions are transforming design and decision making at the Altair Technology Conference.

We are pleased to announce that the Altair Technology Conference will take place at the Conrad Seoul Hotel in Korea on September 20, 2019.

Register

ATC.altair.co.kr

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Altair Technology Conference AGENDA

	Track	Pre/Post/Automation Processors	Structural Solutions	Structural Optimization	Impact Solutions	CFD Solutions	SimSolid	EM High Frequency	EM Low Frequency	Inspire	Manufacturing Solutions	EDA Solutions
	Room	Studio 1	Studio 2	Studio 3	Studio 4	Studio 5	Studio 7	Studio 8	Studio 9	Park ballroom 1	Park ballroom 2	Park ballroom 3
12:00 - 13:00		Registration										
13:00 - 13:25	1	Hyundai Transys Simin Sung **A development of pre/ post process automation system for Seat FE analysis**	LG Electronics Sunghun Kwon **A Trend of MotionSolve Use in the LG Washing Machine Division**	Hyundai Motor Company Yongha Han **Application of Altair C123 & MDO solution for vehicle**	Hyosung Heavy Industries Sungho Lee **Analysis of LATCH of SPRING Manipulator**	LG CNS / Heewon Park **Prototype development of digital twin platform using AcuSolve**	Hanon Sysems / Jungsu Lim **Comparison of Structural Analysis Results of Air Conditioning System Parts**	Korea Aerospace Industries Kwangsik Choi **CEM modeling Method of FEKO for the Measurement**	KERI / Changseob Kwak **Analysis of small Current Interruption Performance for Gas Circuit Breaker Using Flux 2D**	Hyundai Mobis Seokjin Yoon **Optimization Suspension Components with Inspire**	Hyundai Motor Company SungKeun Yang **Altair Inspire Cast for HPDC Casting Design**	Hyundai Mobis Hyuksoo Kwon **PCB Electrical Signal Characteristics DFE Considering EMC**
13:25 - 13:50	2	Altair / Seunghoon Lee **Multi-Physics Simulation Technique Using SimLab and Altair Solver**	Altair / Jongsung Won **Introduction to MotionSolve 2019**	Altair / Heonjin Kim **Introduction to OptiStruct Use Cases for Work Efficiency**	Altair / Wontaek Kim **Introduction to Radioss 2019 new feature**	Altair / Yonggyu Kim **Introduction to AcuSolve 2019 & nanoFluidX 2019**	Altair / Hyungbae Chang **Introcuction to SimSolid**	Altair / Jaehoon Kim **Design of Vehicle Radar Antenna and Implementation of Traffic Environment Channel Modeling System**	Altair / Doojong Um **Introduction to Flux & FluxMotor 2019**	OBP ENG / Donghoo Kim **Application and Comparison of Inspire and SimSolid in the Design Analysis of Ammunition**	Daejoo kores Changyeon Lee **Extrusion table product through optimization of bearing line and mold structure**	Polliwog / JaeHyun Shin **Paradigm Shift in PCB Design Verification**
13:50 - 14:15	3	Hyundai Heavy Industries Bongmin Kim **HyperMesh customized in-house automation code development**	Samsung Electronics Wu Jingxi **Simulation study to estimate stand stability of display products**	Korea Aerospace Industries Jungwon Moon **Three-Dimensional Phase Optimization with Buckling Constraints**	KICT / Youngmin Kim **Application of collision simulation analysis in development of new transport means : Mainly on safety assessment and ordetermining the ROW**	Doosan Forklifts Junggeun Lee **Fan flow analysis for noise analysis**	Sejong Industrial Geumyeol Lee **Structure Analysis of Exhaust system using SimSolid**	Defense Agency for Technology and Quality Ilkyu Kim **Comparison between theoretical calculation and simulation of the near-field of a phased array antenna**	Hyosung Heavy Industries Hyoungjun Moon **Optimum Design and Analysis Technique of SG`s Auxiliary Winding for AVR Power Supply Using Flux 2D**	Studio IL HOON ROH Ilhoon Rho **Architectonics**	Altair / Yerang Shin **Introduction to Altair Inspire Print3D (1)**	Disen / Junghee Han **ERP, PLM linked circuit development management system UDE**
14:15 - 14:40	4	Altair / Ikjoong Lee **Introduction to Analysis Automation with HyperWorks X**	Altair / Jooyoung Kim **Introduction to HyperLife 2019**	Samsung Electronics Jaechoon Yoo **Robot Arm Optimization with ESLM**	Korea Institute for Robot Industry Advancement Moonwoo Park **A study on Impact Analysis of Spring-Loaded Car Window Breaker**	Kyungil University Kyunghee Han **AcuSolve Bingham Viscosity Model for MR Damper Flow Analysis**	OBP ENG / Donghoo Kim **Application and Comparison of Inspire and SimSolid in the Design Analysis of Ammunition**	Korea Institute of Materials Science / Jaecheol Oh **Composite Electromagnetic wave Absorber Design**	DongAh University Homin Shin **Magnetic Loss Analysis of High-Speed Application Coaxial Magnetic Gears Considering Spatial Harmonic Components**	Fusion Technology Inmyung Kim **Successful application cases from collaboration of Inspire Topology Optimization and metal 3D Printing Manufact -uring of SLM Solutions**	Altair / Yerang Shin **Introduction to Altair Inspire Print3D (2)**	KETA / Sunoh Hong **PCB technology and design verification of automotive electronic parts**
14:40 - 15:00		Coffee break										
15:00 - 15:25	5	KATRI / Junho Jeon **Case Study of Accident Analysis Using HyperView**	Hyundai Wia / Gibok Lee **Hyundai Wia Case Structure Analysis Modeling Automation Program Development**	LG Electronics Myounghoon Lee **Study on combined optimization with topography and size optimization on system air conditioner (MultiV5)**	Hyundai Rotem Jiho Jeong **According to EN15227 crashworthiness analysis of tramway car with two kinds of obstacles**	Hwashin Jaedong Roh **Flow Analysis and Experimental Verification for Water Pump Development**	Hwashin / Wansoo Youk **Meshless Analysis of CTBA Using SimSolid**	Korea Aerospace Research Institute / Joongpyo Kim **Gain Analysis of the Antenna placed on Satellite**	LSIS / Jaeseop Ryu **Temperature Rising Prediction of High Voltage Power Apparatus using Altair Flux**	UNIST 3D Printing Technology Research Center Wooyeol Lee **Inspiring Case for Large Area 3D Printing with Inspire**	KIA Motors / Haeryong Lee **Body side seal inner with integrated extrusion bearing optimization**	LG Electronics Jongyook Park **Effects of Industrial Environment Changes on Circuit Assembly Technology**
15:25 - 15:50	6	Altair / Seunghoon Lee **SimLab 2019 new features for enhanced ease of use**	Altair / Hangoo Kim **Introduction to OptiStruct 2019**	KAIST / Ikjin Lee **Reliability Based Design Optimization**	Hyundai Motor Company Jiwon Han **Efficient Analysis of Bus Rollover Regulation Using Pre-Post Automation**	Altair / Sunghwan Ho **Flow induced noise benchmark test of uFX using Hyundai Simplified Model**	Altair / Jongsung Won **Hands-on using models from various industries**	Altair Euijun Hwang **Introduction to HyperMesh and Feko new interface**	Altair / Sohyung Lee **Motor Thermal Analysis Using Flux and AcuSolve**	KNUT / Sungjun Park **Comparison of natural teeth appearance and resulted artificia teeth implant model design which being accomplished by TO under similar load condition to natural teeth**	LG Electronics Byungdeok Lee **Optimization Design for High Pressure Die Casting Gate Shape and Injection Conditions**	Polliwog / Daeho Ham **Design for SI/PI/EMC using PollEx DFE+**
15:50 - 16:15	7	Altair / Kyungok moon **Introducing HyperWorks X for a Great User Experience**	LG Electronics Eunho Gong **NVH Rattle Simulation and Application for Automotive Electronics**	Hyundai Steel Dongyeol Lee **Development of EV Concept Car Topology Optimization Considering Multiple Performances**	Korea Aerospace Industries Jaeho Jang **Radioss Applications in development of Light Rotorcraft Crashworthiness**	Samsung Heavy Industries Jonggeun Yoo **Numerical study of the Design Verification of Supply Intake and Exhaust Duct for marine diesel engine by Acusolve**	Hyosung Heavy Industries Donghyun Lee **Gearbox Analysis with SimSolid**	Movon / Chenglin Choi **Millimeter wave passive device design using Feko**	Hyosung Heavy Industries Sungho Lee **The study of Material Particle Behavior in GIB for Insulation Breakdown Characteristics**	KIMS / Imdoo Jung **Addictive Manufacturing of Smart Metal Parts using Topology Optimization**	Hyundai Transys Ohtae Kwon **Improved seat comfort quality through pad foam analysis**	LG Display / Junyoung Park **Case Study on Automation of Design Verification from a PCB Designer's Perspective**
16:15 - 16:40	8	Oracle / Inho Kang **High Performance Computing in the Cloud**	Hyundai Motor Company Youngjin Seo **Durability Prediction of Rigid Axle Using MotionView Spring Builder**	Altair / Hangoo Kim, Seungwook Min **Introducing bursting techniques that provide the optimal environment for analysis jobs**		Romax / Jaemin Lee **Thermal simulation of EV powertrain systems** GKN Driveline / XU Zhou **CFD Lubrication and Efficiency in ePowerTrain CAE**		Korea University of Technology and Education Chihyung Ahn **Design of High Efficiency Wireless Power Transmission Resonator**	Altair / EuiJun Hwang **Simplified Analysis of Litz Wire for Wireless Charging Simulation**			Polliwog / Sangsun Lee **Electronics data management system for smart factory**
16:40 - 17:00		Integrated Session Preparation										
17:00 - 17:40	9	**Keynote : Altair Brett Chouinard, Introduction of Knowledge Works**										
	10	**Keynote : Altair Michael Dambach, HyperWorks X - New User Experience**										
17:40 -		Luckydraw and dinner										

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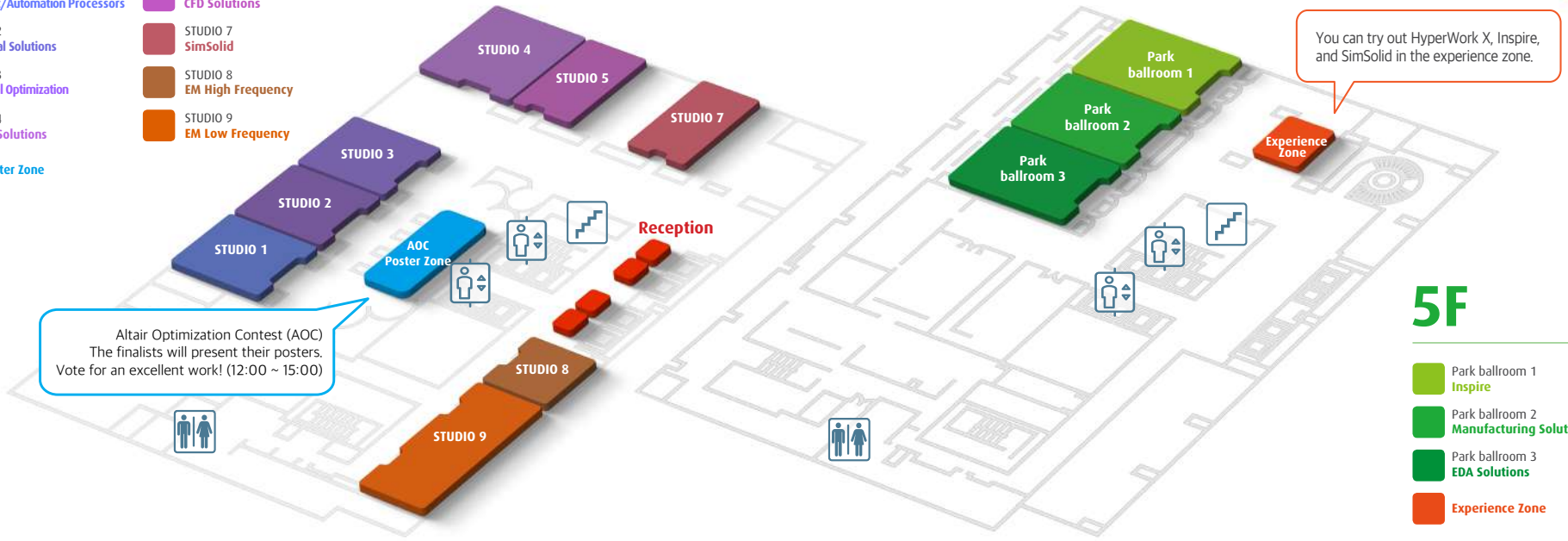
VENUE & SOUVENIR

6F

- STUDIO 1 Pre/Post/Automation Processors
- STUDIO 2 Structural Solutions
- STUDIO 3 Structural Optimization
- STUDIO 4 Impact Solutions
- AOC Poster Zone
- STUDIO 5 CFD Solutions
- STUDIO 7 SimSolid
- STUDIO 8 EM High Frequency
- STUDIO 9 EM Low Frequency



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- Park ballroom 1 Inspire
- Park ballroom 2 Manufacturing Solutions
- Park ballroom 3 EDA Solutions
- Experience Zone

Altair Technology Conference

Gift for you

We will give you a **Wireless power charging** as a gift to all who participate in the Conference after pre-registration.
Please participate in the Altair Technology Conference 2019 and win the prize!